Declaration and Power of Attorney For Patent Application

English Language Declaration

Claims: 29(1)
Informal Dwgs: 10(10)
Filed: 6/16/98

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

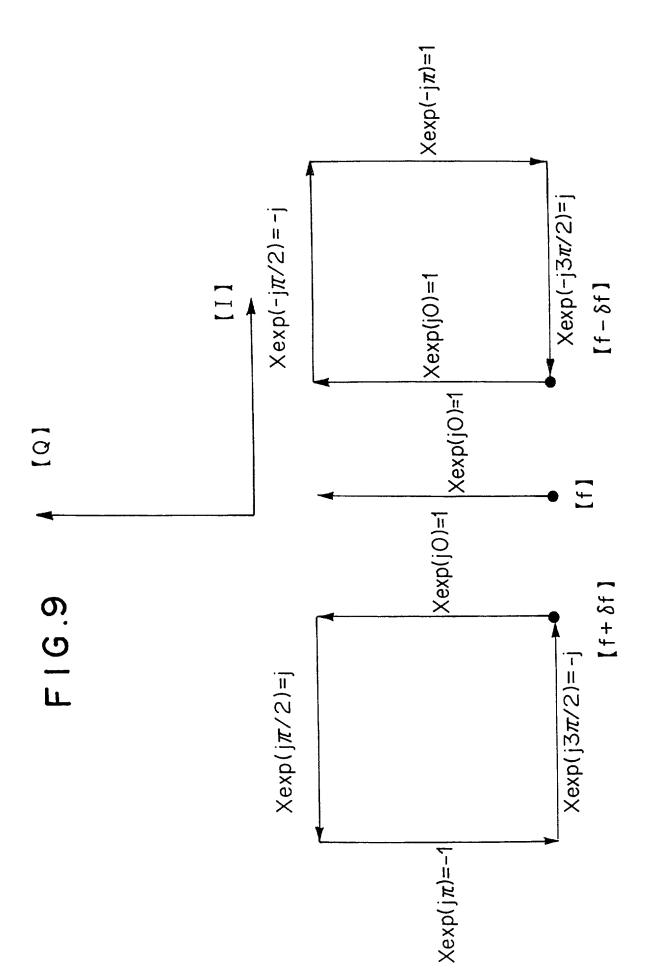
for which a patent	is sought on the	invention entitled		
HIGH-SPEED	CELL SEARCH	SYSTEM FOR CDMA		1
the specification of	f which			ŕ
(check one)				
is attached her	reto.			
was filed on				as
Application Se	rial No			
Application Set and was amen	ded on	(if applicable)		·
hereby state that including the claim	I have reviewed ans, as amended b	nd understand the contents of the abo by any amendment referred to above.	ove identified spec	ification,
Jacknowledge the Title 37, Code of	e duty to disclos Federal Regulat	e information which is material to p ions § 1.56.	atentability as d	efined in
application(s) for	patent or invento for patent or inve	efits under Title 35, United States C r's certificate listed below and have ntor's certificate having a filing date be	also identified be	elow any
Prior Foreign App	lication(s)		Priority C	laimed
158460/1997 (Number)	Japan (Country)	16/06/1997 (Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	- Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	_	No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:



(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
statements made on information an were made with the knowledge that by fine or imprisonment, or both, up	d belief are believed to be to at willful false statements a nder Section 1001 of Title 1	wn knowledge are true and that all rue; and further that these statements and the like so made are punishable 8 of the United States Code and that the application or any patent issued
POWER OF ATTORNEY: As a na agent(s) to prosecute this application connected therewith. (list name and ROBERT J. PATCH, REG. No.	on and transact all busines nd registration number)	point the following attorney(s) and/or is in the Patent and Trademark Office
ROBERT F. HARGEST, REG.		
Send Correspondence to: YOU	NG & THOMPSON, SUI	
Direct Telephone Calls to: (name	and telephone number) RO	BERT PATCH, 703/521-2297
Full name of sole or first inventor TSUGUO MARU		
Inventor's signature Junyue Me	www.	Date June 8, 1998
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Full name of second joint inventor, if any		
Second Inventor's signature		Date
Residence		
Citizenship		
Post Office Address		

(Supply similar information and signature for third and subsequent joint inventors.)



F 1 G.10

a b b b -a -b a b -a -a b -a
q q p
q q p
q_ q b
q- q b
a p

■ CARRIER FREQUENCY DEVIATION COHERENT INTEGRATION

[f +
$$\delta$$
f] I: I(t=t0)-Q(t=t1)-I(t=t2)+Q(t=t3)
Q: Q(t=t0)+I(t=t1)-Q(t=t2)-I(t=t3)
Q: Q(t=t0)+I(t=t1)+I(t=t2)+I(t=t3)
Q: Q(t=t0)+I(t=t1)+Q(t=t2)+Q(t=t3)
Q: Q(t=t0)+Q(t=t1)+Q(t=t2)+Q(t=t3)
Q: Q(t=t0)+Q(t=t1)-I(t=t2)-Q(t=t3)
Q: Q(t=t0)-I(t=t1)-Q(t=t2)+I(t=t3)

$$[f + \delta f]$$
 I: I(t=t0)+Q(t=t1)-I(1=t2)-Q(t=t3)
Q: $O(t + \delta) = I(t + t_1) - O(t + t_2) + I(t + t_3)$